

## ABSTRACT OF THE INVENTION

The present invention provides a remote control system for a locomotive. The remote control system comprises a remote control device, an identification interface and a locomotive controller module. The remote control device is operative for receiving a command signal indicative of an action to be executed by the locomotive. The identification interface is adapted for receiving user identification data from a user of the remote control device. The locomotive controller module is suitable for mounting at the locomotive and is adapted for generating local control signals. When the user identification data belongs to an authorized user, the locomotive controller module is operative to issue a local control signal for causing the locomotive to execute the action conveyed by the command signal received at the remote control device.